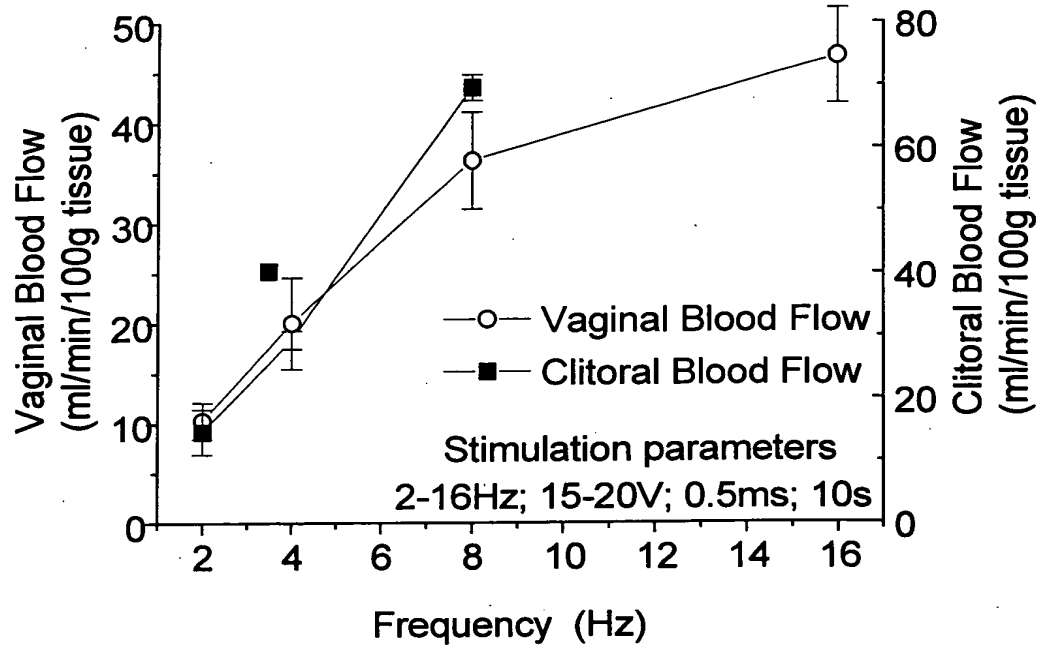


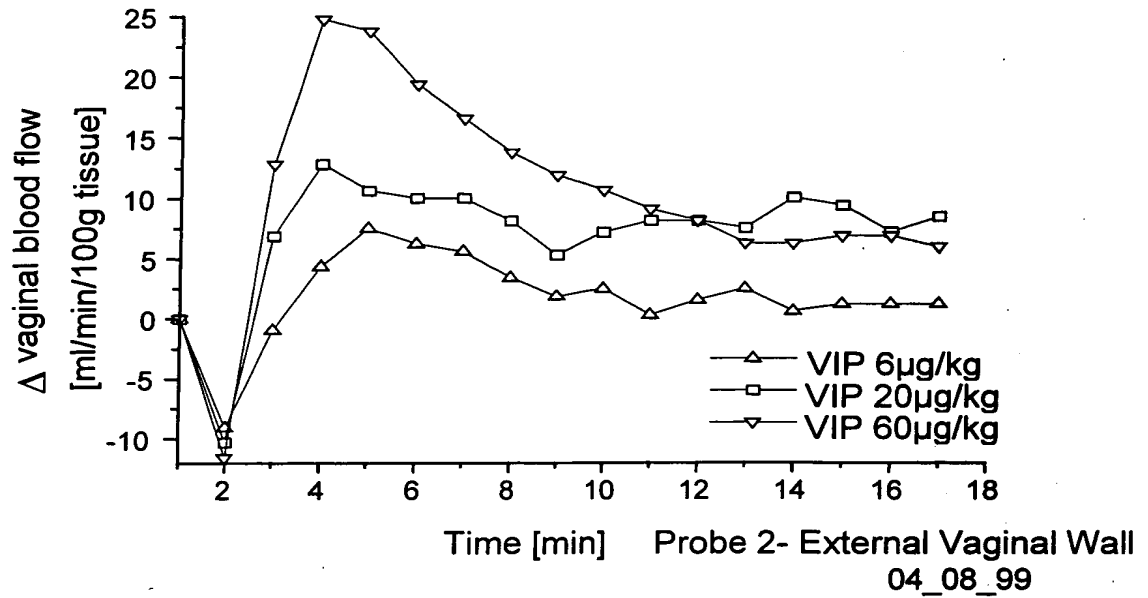
**Fig. 1**

Genital Blood Flow - Frequency response relationship between pelvic nerve stimulation and blood flow



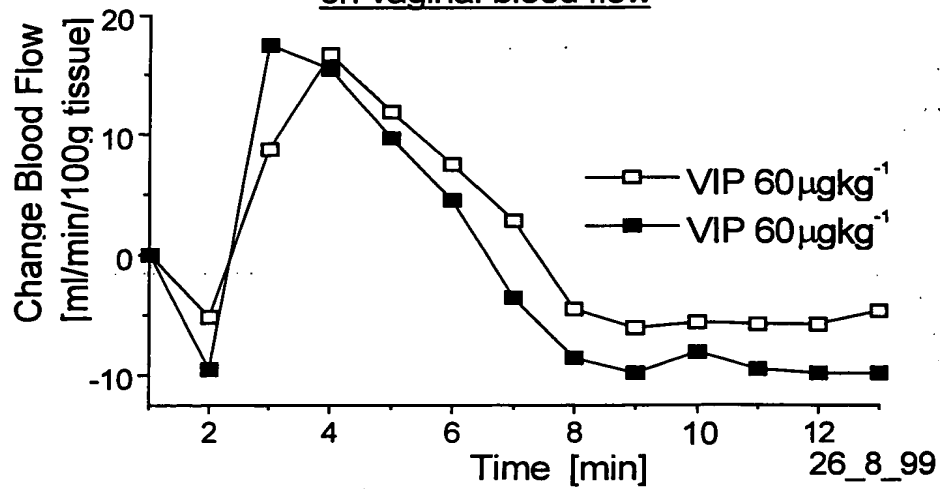
**Fig. 2a**

Effect of VIP (Sequence No. 8) on vaginal blood flow



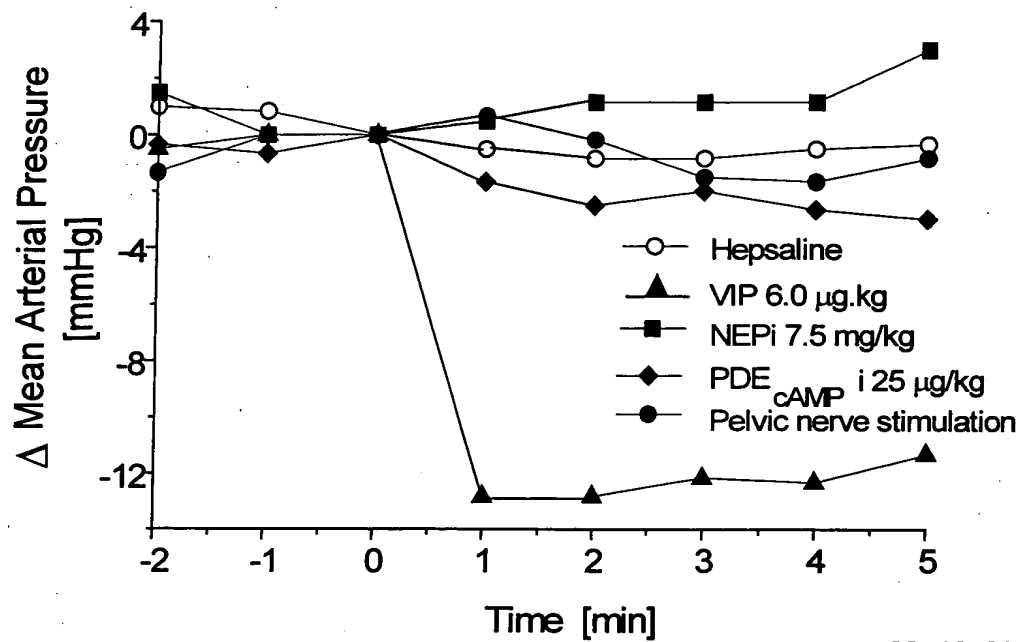
**Fig. 2b**

Effects of repetitive infusions of VIP (Sequence No. 8) on vaginal blood flow



**Fig. 3**

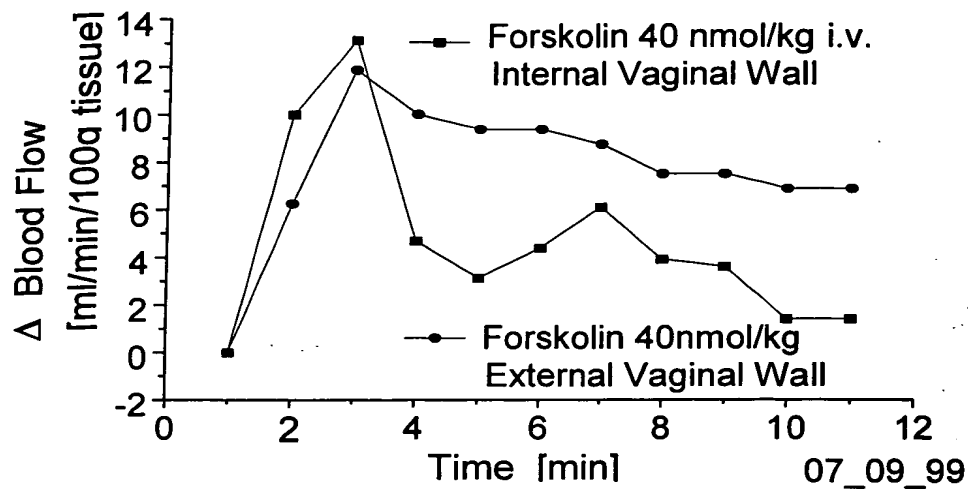
Effect of VIP (Sequence No. 8), an NEP<sub>cAMP</sub> Inhibitor, a PDE inhibitor or Pelvic Nerve Stimulation on Mean Arterial Pressure in the Anaesthetised Rabbit



22\_10\_99

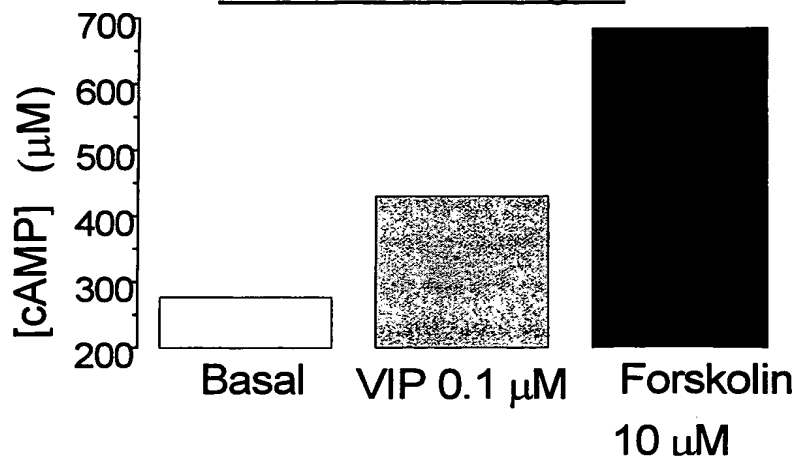
**Fig. 4a**

Forskolin (a cAMPmimetic) increases vaginal blood flow in the Anaesthetised Rabbit



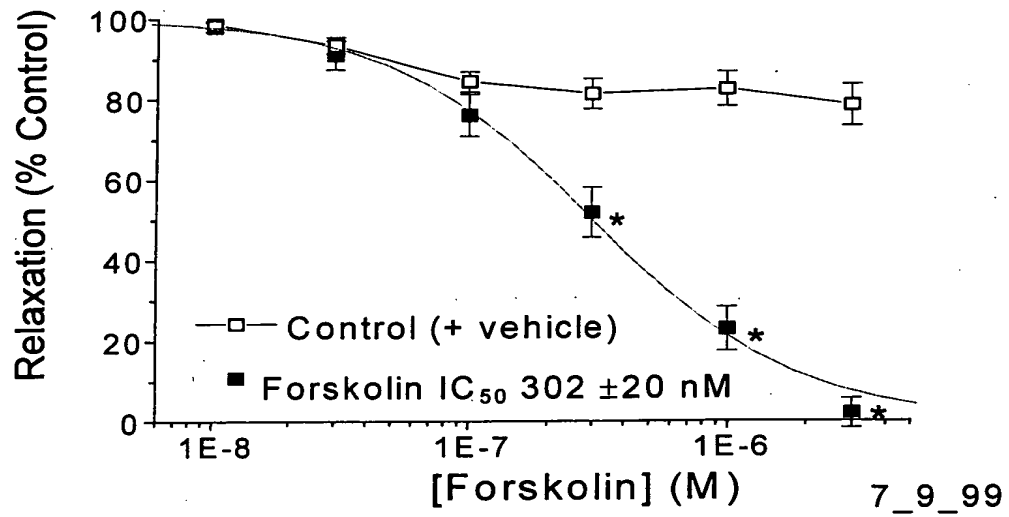
**Fig. 4b**

VIP (Sequence No. 8) stimulates cAMP production in isolated rabbit vagina



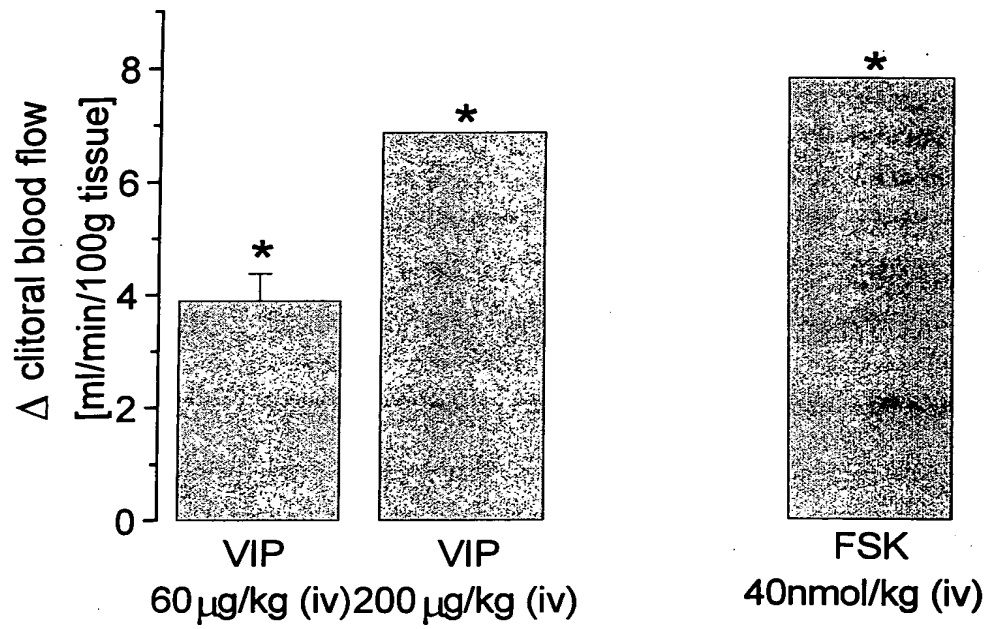
**Fig. 4c**

Relaxant effect of Forskolin (a cAMPmimetic)  
on isolated rabbit vagina



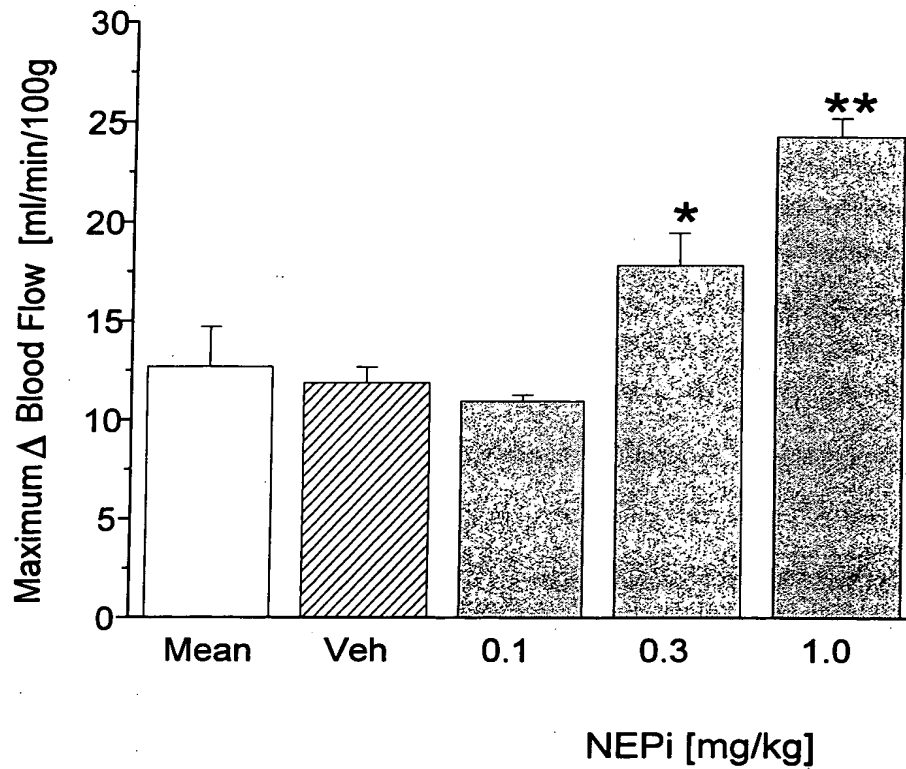
**Fig. 5**

VIP (Sequence No. 8) and forskolin (a cAMPmimetic)  
clitoral blood flow in the anaesthetised rabbit



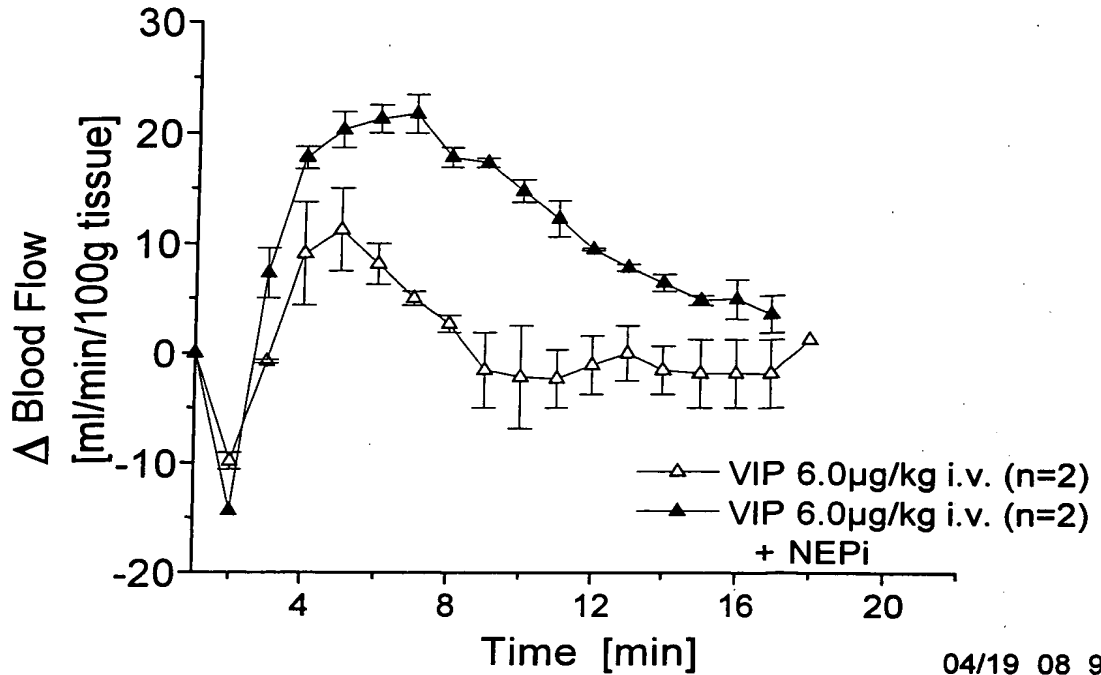
**Fig. 6**

Effect of an NEP Inhibitor on Pelvic Nerve in Vaginal  
Blood Flow in the Anaesthetised Rabbit

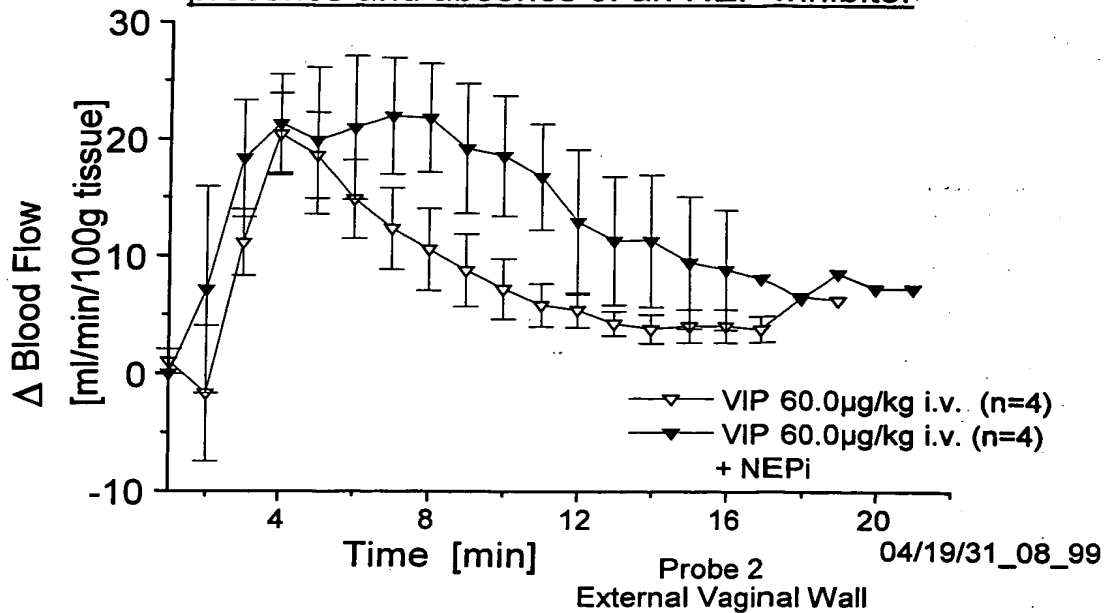


**Fig. 7**

Effect of VIP (Sequence No. 8) (6  $\mu\text{g/kg}$ ) on presence and absence of an NEP Inhibitor



Effect of VIP (Sequence No. 8) (60  $\mu\text{g/kg}$ ) on Vaginal Blood presence and absence of an NEP Inhibitor





**Fig. 8**

Effect of a PDEcAMP type2 inhibitor on pelvic nerve stimulated increases in vaginal blood flow

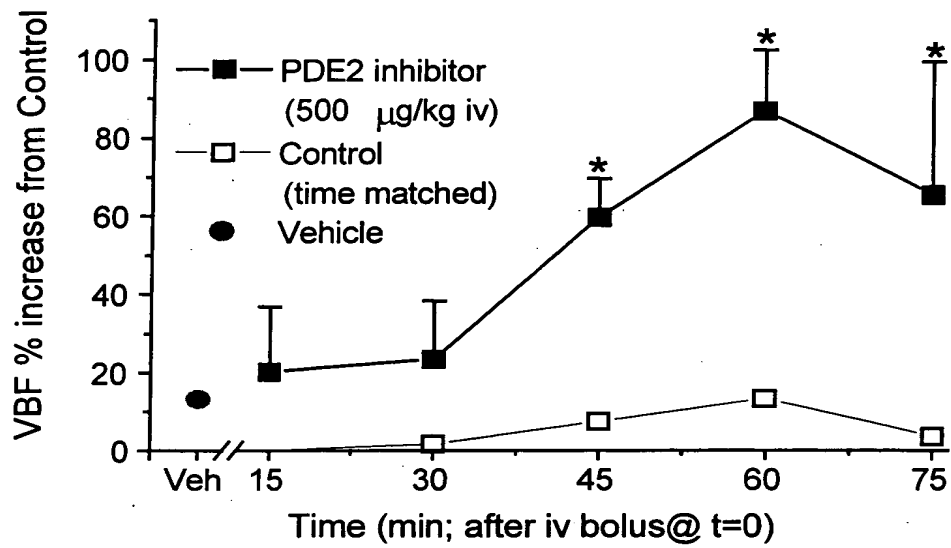
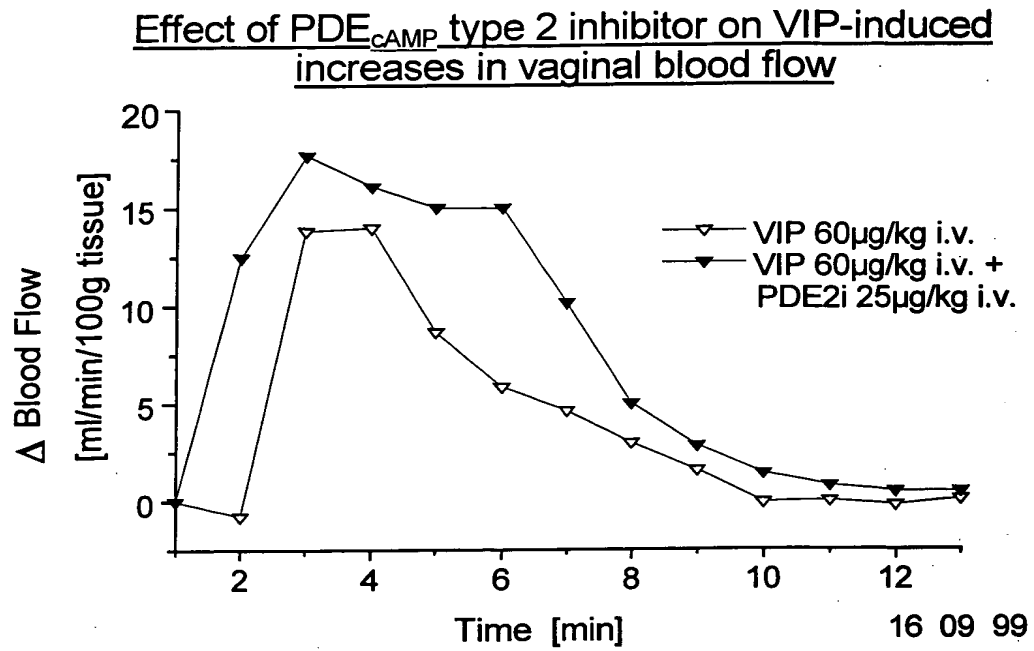
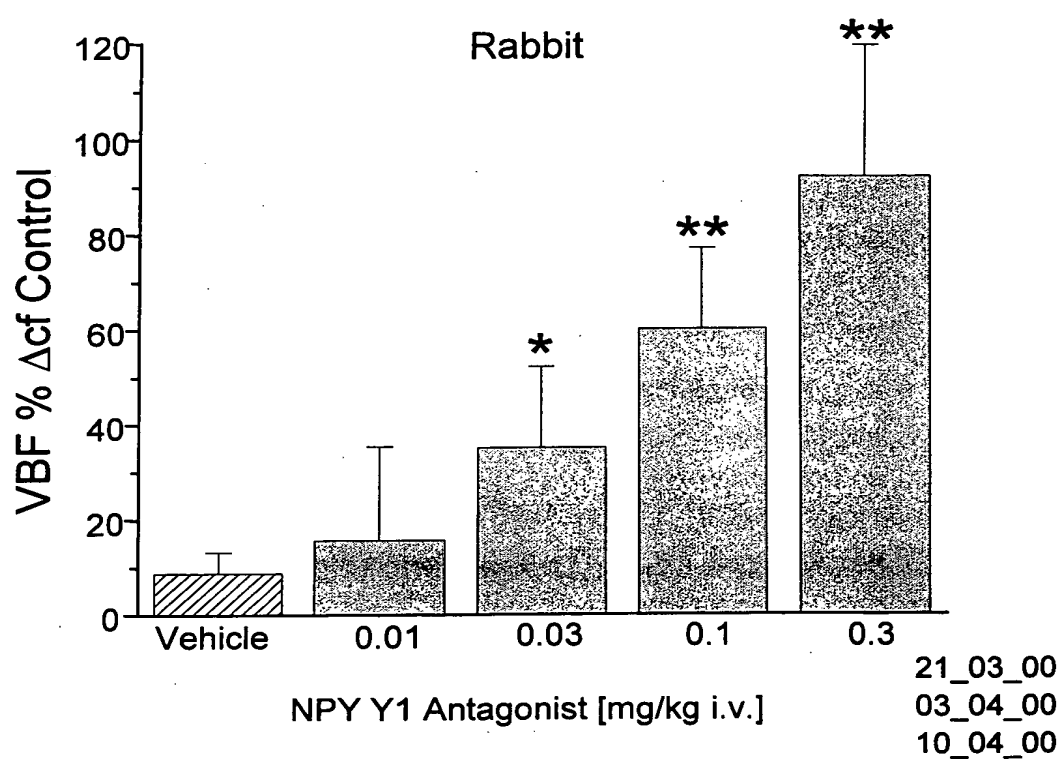


Fig. 9



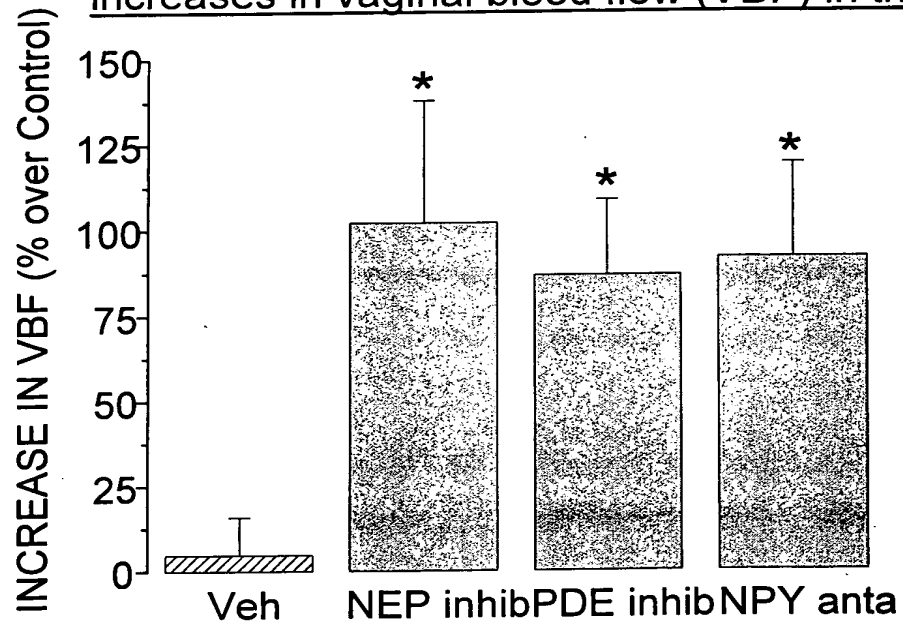
**Fig. 10**

**Effect of the NPY Y1 Antagonist on Pelvic Nerve Stimulated Increases in Vaginal Blood Flow in the Anaesthetised**



**Fig. 11**

Enhancing cAMP signalling potentiates nerve-  
increases in vaginal blood flow (VBF) in the



**Fig. 12**

Effect of a NEPi on pelvic nerve stimulated  
increases in clitoral blood flow

